

**NAME**

**buf\_reserve** - allocate more storage for next operations

**SYNOPSIS**

```
#include <buf.h>
```

*bool*

```
buf_reserve(struct buf *b, size_t desired);
```

**DESCRIPTION**

The **buf\_reserve()** function tries to increase the buffer's capacity specified by *b* to the amount of *desired*.

Once the new capacity is increased the next calls to any operation that would append data to the buffer can avoid reallocating the memory. This can be useful if you know in advance which storage space you need.

If it was unable to acquire more memory, the buffer still contains the original data and capacity remains unchanged. In any case, the buffer length's remains unchanged and only capacity is increased.

**RETURN VALUE**

The **buf\_reserve()** function returns false in case of error and *errno* is set to indicate the error.

**ERRORS**

[ENOMEM]            Couldn't allocate more memory.

**SEE ALSO**

libbuf(3)

**AUTHORS**

The **libbuf** library was written by David Demelier <markand@malikania.fr>